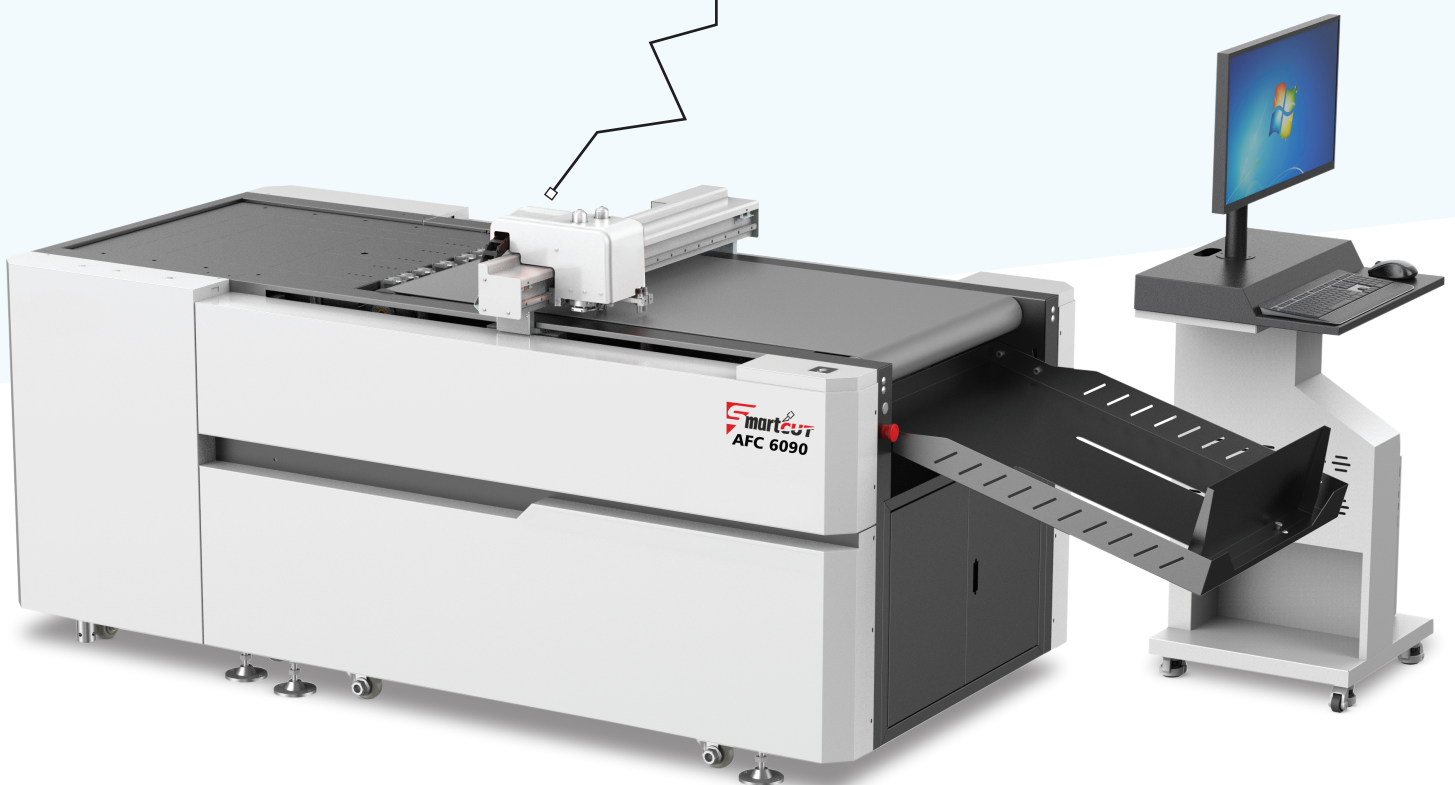


Digital Autofeed Flatbed Die-Cutting Machine

AFC 6090

The Ultimate Cutting Machine

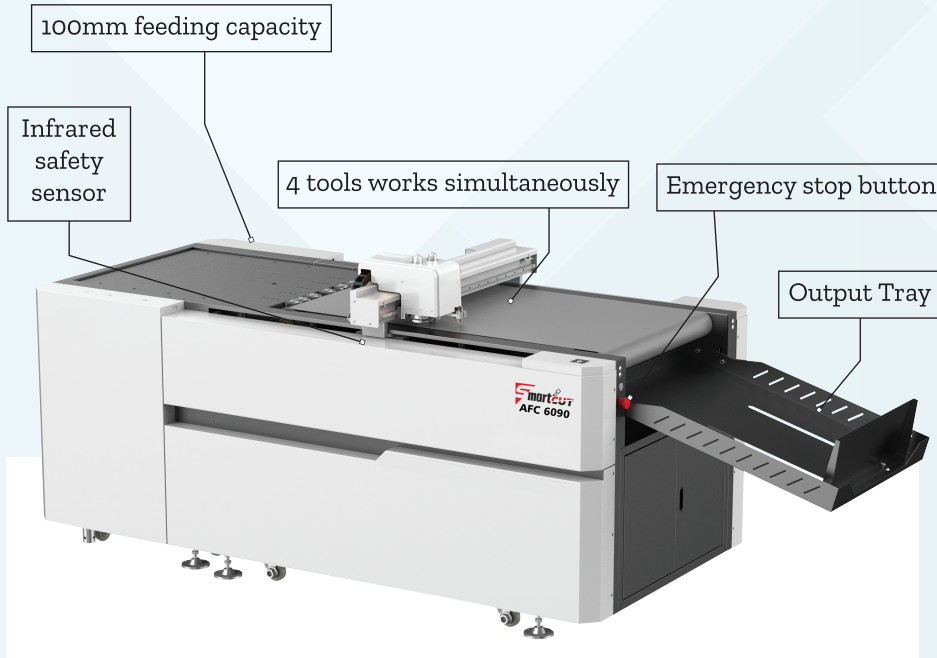


**Cuts upto
6mm**

The Smartcut AFC 6090 Autofeed Flatbed Cutter is a high-performance digital cutting solution designed for the printing and packaging industries. It incorporates advanced features such as fully automatic vacuum suction and an automatic lifting and feeding platform for enhanced efficiency. Equipped with a range of precision tools, the machine is capable of performing Kiss-cut, Through-cut, Creasing, V-grooving, and marking with exceptional speed and accuracy. Ideal for short to medium-run customized jobs, it offers a cost-effective solution to meet diverse finishing requirements.

AFC Series

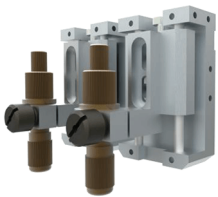
Digital Autofeed Flatbed Die-Cutting Machine



Job Workstation (Optional)



Tools



Passive Cutting Tool:

- Includes kiss-cut and through-cutting tools for labels, stickers, vinyl, cardboard, reflective film, and more. Up to 350gsm.



Electric Oscillating Tool:

- Uses ultra-frequency oscillation for precise cuts on materials up to 6 mm thick.
- Equipped with multiple knives for high speed, efficiency, and quality.



Creasing Wheel Tool:

- Provides 4 kg pressure for clear, foldable indentations.
- Suitable for corrugated / non-corrugated cardboard, plastics, foam boards, and art card sheets.



V Grooving Tool:

- Ideal for creating complex structural designs on foam core and sandwich board materials.

Applications

Passive Cutting Samples



Normal Stickers



Vinyl & Synthetic Stickers



Reflective Film Stickers

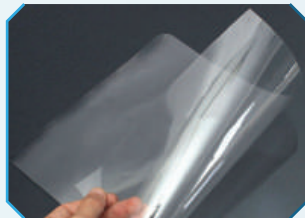


Transparent Synthetic Stickers

(EOT) Electric Oscillating Cutting Samples



Cardboard



Thin Plastic



PVC Foam Board



Rubber Blanket



Corrugated Board



KT Board

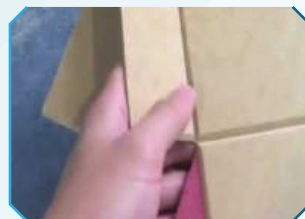


Corrugated Plastic Board



Grey Board

V-Grooving Cutting Samples



Smartcut cutting software supports the following formats:



Main Technical Parameters

Model No	AFC-6090
Overall dimension	3250×1145×1200mm
Work area	600×900mm
Autofeeder	Yes (included)
Work platform	Aluminum alloy honeycomb platform and conveying carpet
Max material processing height	≤100mm (Depending on different material)
Max cutting thickness	0.1mm – 6mm
Applications	Applied to paper, card board, Vinyl, sticker reflective material used in advertising, corogated board, PVC sheet, form board, KT board, PVC sunboard, etc.
Beam height	20mm
Material fixation method	Vacuum adsorption (included)
Max cutting speed	1200mm/Sec.
QR code reader	Yes
Software	Included
Interface Connectivity	PCIE slot / Ethernet port
Positioning method	CCD camera, Red light
Repeatable cutting accuracy	±0.1mm
Drive system	Servo motor, linear guide and Timing belt
Number of motor	4pcs
Working Environment	Temp.: 00C-400C; Humidity : 20%-80%RH
Equipment power	2.8Kw (220V/50Hz)
Vacuum pump power	1.5Kw
Net Weight	460Kg
Warranty	12months

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